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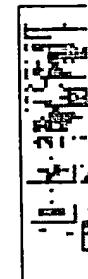
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>Title: **JP7187748A2: HYDRAULIC CEMENT MORTAR-BASED ARTIFICIAL WOOD**

Country: JP Japan

Kind: A

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Published / Filed: July 25, 1995 / Dec. 27, 1993

Abstract: Purpose: To obtain the subject artificial wood excellent in processability and humidity conditioning functions by blending cement with respective specific amounts of chaff powder, a water-soluble polymeric compound, an inorganic lightweight aggregate and a fibrous reinforcing material, regulating the moisture content,

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carrying out the extrusion molding and hardening the resultant molding.

Constitution: This hydraulic cement mortar-based artificial wood is obtained by blending (A) 100 pts.wt. cement with (B) 15-300 pts.wt. chaff powder, (C) 0.3-10 pts.wt. water-soluble polymeric compound (e.g. methyl cellulose), (D) 10-200wt. inorganic lightweight aggregate (e.g. pumiceous sand balloon and (E) 0.5-20 pts.wt. fibrous reinforcing material (e.g. glass fiber), regulating the moisture content to 30-50wt.%, then carrying out the extrusion molding of the prepared composition into a desired shape and subsequently hardening the resultant molding. The obtained artificial wood is excellent in nailability, wood screw holding power, sawing properties, etc., and can suitably be used as a wood substitute in the field of building materials consisting essentially of an outer wall material.

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(74) Representative:

(54) HYDRAULIC CEMENT MORTAR- BASED ARTIFICIAL WOOD

(57) Abstract:

PURPOSE: To obtain the subject artificial wood excellent in processability and humidity conditioning functions by blending

cement with respective specific amounts of chaff powder, a water-soluble polymeric compound, an inorganic lightweight aggregate and a fibrous reinforcing material, regulating the moisture content, carrying out the extrusion molding and hardening the resultant molding.

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